

143. (New) An order charge separation apparatus as claimed in claim 138, wherein the amount of previously separated order charge is less than statistically required to achieve balance between order charges of different natures.

144. (New) An order charge separation apparatus as claimed in claim 138, wherein the separated order charge is recycled at least once prior to output to selectively repel like-natured charges thereby to separate one order charge nature from another.

145. (New) An order charge separation apparatus according to claim 144, wherein the separated order charge is recycled more than once.

146. (New) An order charge separation apparatus as claimed in claim 139, wherein previously separated order charge is employed to selectively repel like natured order charge from a sample thereby to allow collection of an unlike natured order charge.

147. (New) An order charge separation apparatus as claimed in claim 139, wherein multiple natures of order charge are arranged to selectively repel respective natures of an incoming beam thereby to separate that beam into each of its constituent natures.

REMARKS

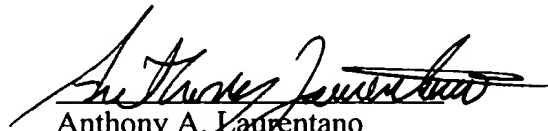
Applicant cancels claims 1-75, and adds new claims 76-147. The new claims are based upon the claims from the International patent application, and have been amended to clearly recite the invention and to address minor formal matters, such as providing proper antecedent basis for particular terms. The new claims do not introduce new matter.

Entry of the foregoing Preliminary Amendment is respectfully in order and requested.

If there are any questions regarding the amendments to the application, we invite the Examiner to call Applicant's representative at the telephone number below.

Respectfully submitted,

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